**Ion Practice Worksheet**

1. Complete the table.

|  |  |  |
| --- | --- | --- |
| **Element** | **Dot Diagram of**  **Atom** | **Ion Dot Diagram** |
| P |  |  |
| N |  |  |
| Li |  |  |
| O |  |  |
| F |  |  |
| Mg |  |  |
| H |  |  |
| He |  |  |
| K |  |  |

2. Use the periodic table to determine the valence number (ionic charge) for the following.

|  |  |  |  |
| --- | --- | --- | --- |
| **Element** | **Valence Number** | **Element** | **Valence Number** |
| H |  | Ne |  |
| Li |  | Br |  |
| Mg |  | N |  |
| S |  | Ca |  |
| B |  | I |  |
| F |  | K |  |
| Sr |  | Rb |  |
| Al |  | Be |  |
| Se |  | Te |  |
| O |  | Na |  |